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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/058,271 | 01/30/2002 | Chin-Fa Luo | YON 103 | 2647 |

7590 05/07/2004

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| EXAMINER |
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DAO, MINH D

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| ART UNIT | PAPER NUMBER |
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2682

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DATE MAILED: 05/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/058,271

Applicant(s)

LUO, CHIN-FA

Examiner

MINH D DAO

Art Unit

2682

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which the subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1, 3 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Villevieille et al. (US Patent 6,434,400) in view of Namiki et al. (US Patent 5,423,079).

Regarding claims 1, Villevieille teaches an apparatus capable of providing multiple telephone numbers for a cellular telephone (see fig. 1; col. 2, lines 51-60), comprising: input port to receive a reset signal so as to control switching of the telephone numbers (col. 2, lines 24-31). However, Villevieille fails to teach a central processing unit having an input port; a first erasable memory connected to the central processing unit for storing common data; a second erasable memory connected to the central processing memory for storing non-common data; and a random access memory connected to the central processing unit. Namiki, in analogous art, teaches a central processing unit having an input port (see fig. 2, item 2 (CPU)); a first erasable memory connected to the central processing unit for storing common data (See fig. 2, item RG1); a second

erasable memory connected to the central processing memory for storing non-common data (See fig. 2, item RG2); and a random access memory connected to the central processing unit (See fig. 2, item 5 (RAM)). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to provide the teaching of Namiki to Villevieille in order to avoid difficulty in that an ESN written in an EEPROM is rewritten with ease by investigating a storage address of the ESN in the EEPROM as taught by Namiki (col. 1, lines 48-50).

Regarding claims 3 and 5, the claims are interpreted and have the limitations as that of claim 1, therefore the claims are rejected for the same reason set forth in the rejection of claim 1.

2. Claims 2, 4 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Villevieille et al. (US Patent 6,434,400) in view of Namiki et al. (US Patent 5,423,079) and further in view of Helle (US Patent 6,694,152).

Regarding claims 2, 4 and 6, the combination of the teachings of Villevieille and Namiki teaches the apparatus as claimed in claim 1 as mentioned above. However, the combination fails to teach that common data would include a phone book and short messages. Helle, in an analogous art, teaches an erasable data storage that would include a phone book and short messages (col. 1, lines 58-67; col. 2, lines 1-12). Therefore, it would have been obvious to one of ordinary skill in the art at the time of the

invention was made to provide the teaching of Helle to Namiki and Villeveille in order to have a simple and efficient way of storing information that needs to be retained after the device is turned off.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Hanawa et al. (US Patent 5,450,471) discloses Mobile Telephone Unit Which Combines Operation Of Portable Mobile Telephone And A Vehicle Telephone.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MINH D DAO whose telephone number is 703-305-5589. The examiner can normally be reached on 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, VIVIAN C CHIN can be reached on 703-308-6739. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Minh Dao
Examiner
Art Unit 2682
April 27, 2004 *MD*


VIVIAN CHIN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

4/30/04